



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

CGI Windows & Doors
10100 NW 25th Street
Miami, FL 33172

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "Targa 7100" White PVC Single Hung Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. W13-23, titled "Series 'Targa 7100' PVC S.H. Wdw. (L.M.I./S.M.I.)", sheets 1 through 10 of 10, dated 05/15/13, with revision B dated 11/17/14, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Section Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA# 13-1115.08 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.



MP
3/19/15

NOA No. 14-1222.03
Expiration Date: February 20, 2019
Approval Date: March 26, 2015
Page 1

CGI Windows & Doors

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **W13-23**, titled "Series 'Targa 7100' PVC S.H. Wdw. (L.M.I./S.M.I.)", sheets 1 through 10 of 10, dated 05/15/13, with revision B dated 11/17/14, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TESTS


1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94
along with marked-up drawings and installation diagram of extruded vinyl equal leg/fin/flange frame single hung windows, prepared by Certified Testing Laboratories, Test Report No. **CTLA-3032W** dated 10/17/14, signed and sealed by Ramesh C. Patel, P.E.
2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94
along with marked-up drawings and installation diagram of extruded vinyl equal leg/fin/flange frame single hung windows, prepared by Element Materials Technology., Test Report No. **EMT-ESP014638P**, dated 09/28/13, signed and sealed by Ramesh C. Patel, P.E.
(Submitted under previous NOA No. 13-1115.08)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC-5th Edition (2014)**, dated 11/13/14, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies with **ASTM E1300-09**

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).


Manuel Perez, P.E.
Product Control Examiner
NOA No. 14-1222.03

Expiration Date: February 20, 2019

Approval Date: March 26, 2015

CGI Windows & Doors

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS

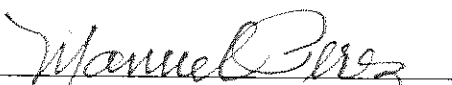
1. Notice of Acceptance No. **11-0624.02** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont SentryGlas® Interlayer**" dated 08/25/11, expiring on 01/14/17.
2. Notice of Acceptance No. **14-0423.15** issued to **Eastman Chemical Company (MA)** for their "**Saflex CP – Saflex and Saflex HP Composite Glass Interlayers with PET Core**" dated 06/19/14, expiring on 12/11/18.
3. Notice of Acceptance No. **14-0423.17** issued to **Eastman Chemical Company (MA)** for their "**Saflex Clear and Color Glass Interlayers**" dated 06/19/14, expiring on 05/21/16.
4. Notice of Acceptance No. **13-1203.02** issued to Deceuninck North America, LLC for their "**White Rigid PVC Exterior Extrusions for Windows and Doors**" dated 02/20/14, expiring on 02/19/19.

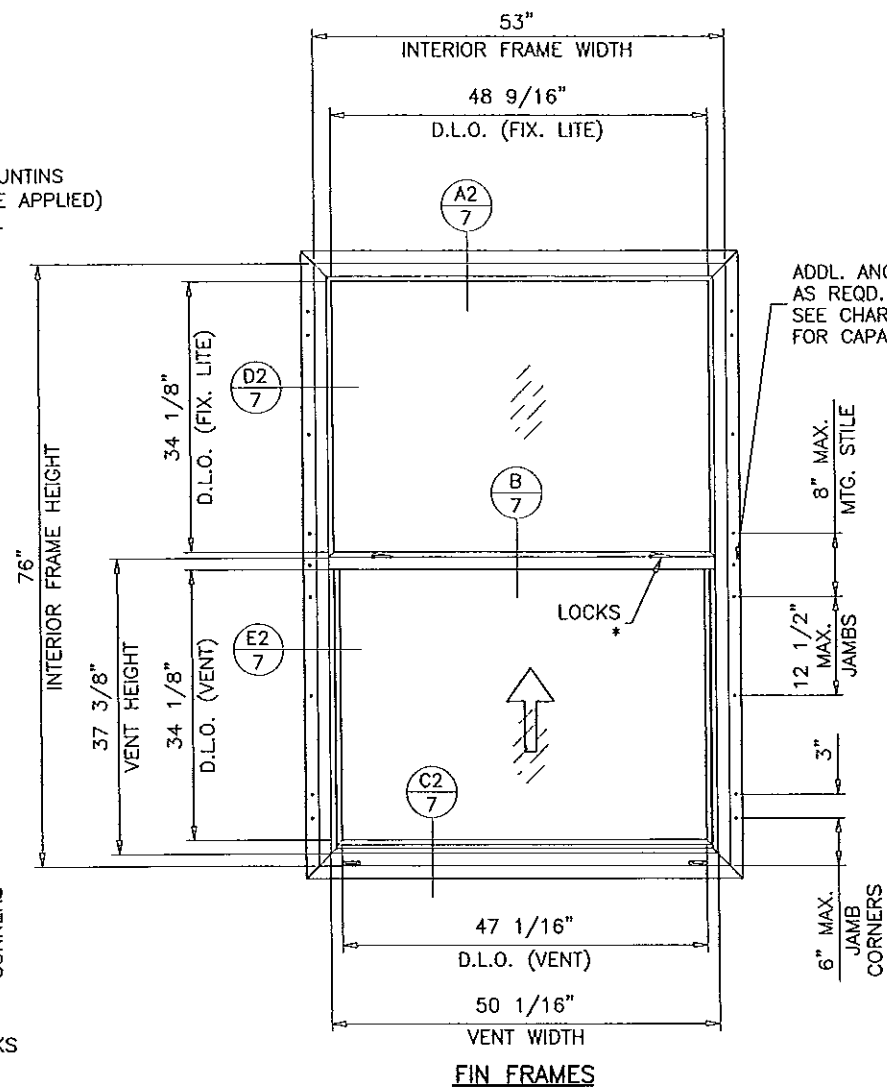
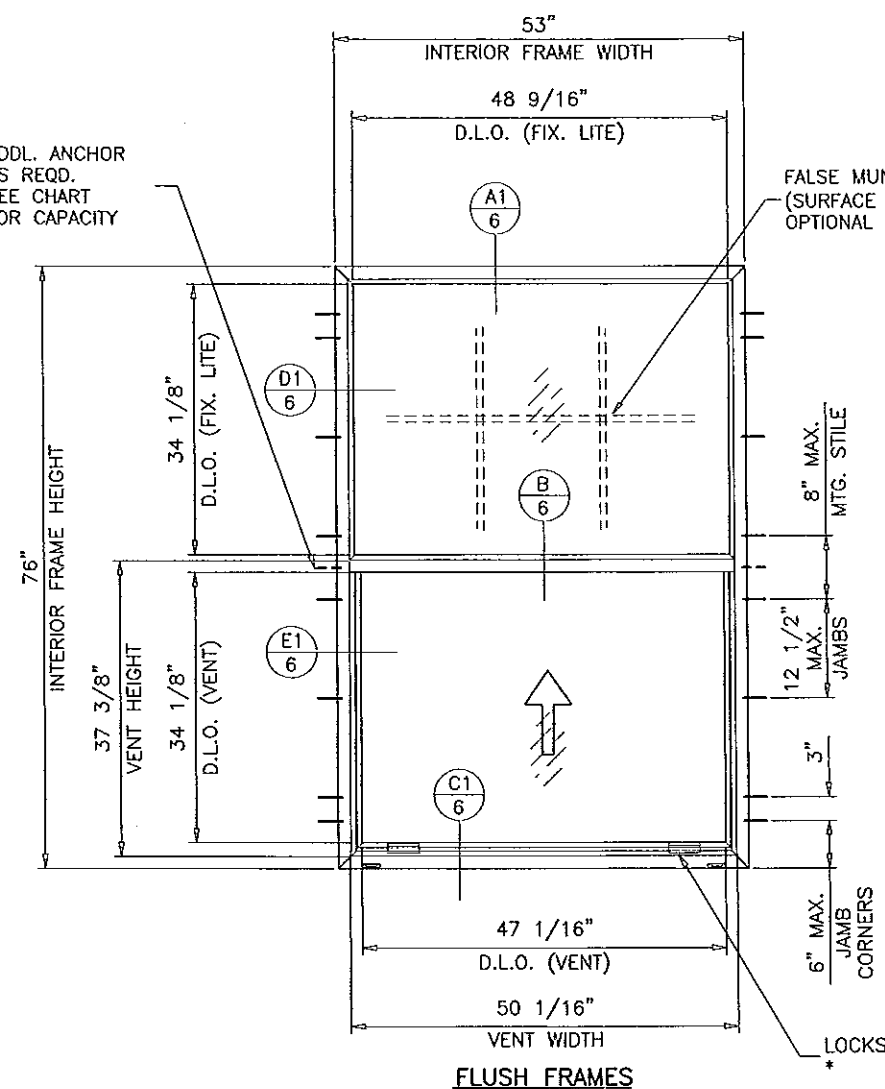
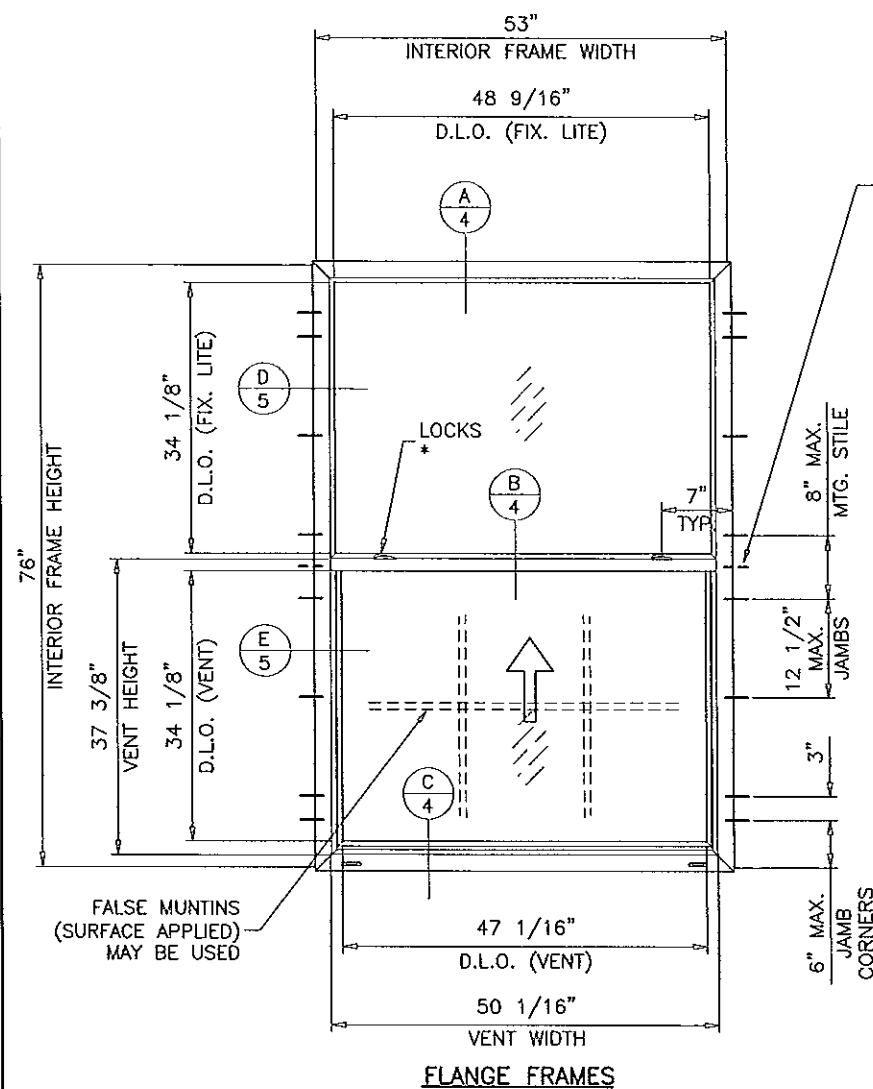
F. STATEMENTS

1. Statement letter of conformance, complying with **FBC-5th Edition (2014)**, and of no financial interest, dated November 14, 2014, issued by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
2. Approved Proposal issued by Product Control Section, dated 06/10/14, signed by Jaime Gascon, P.E.

G. OTHERS

1. Notice of Acceptance No. **13-1115.08**, issued to CGI Windows & Doors, Inc. for their Series "Targa 7100" White PVC Single Hung Window - L.M.I., approved on 02/20/14 and expiring on 02/20/19.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 14-1222.03
Expiration Date: February 20, 2019
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TYPICAL ELEVATIONS

- * LOCKS
 (1) PER VENT FOR WDW. W. UPTO 25" AT MID WIDTH
 (2) PER VENT FOR WDW. W. ABOVE 25" AT 7" FROM EACH END

SERIES 'TARGA 7100' WHITE PVC SINGLE HUNG WINDOW

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEET 2.

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF S.H./S.H. OR SINGLE HUNG WITH OTHER WINDOW TYPES IN MODULES OF TWO OR MORE WINDOWS USING MIAMI-DADE COUNTY APPROVED CLIPPED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE.

THESE WINDOWS ARE RATED FOR LARGE & SMALL MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

DAYLITE OPENINGS:

DLO WIDTH = INTERIOR FRAME WIDTH - 4.4375 (FIX. LITE)

DLO WIDTH = VENT WIDTH - 3.0 (VENT)

DLO HEIGHT (EQUAL LITES) = $\frac{\text{WINDOW HT} - 7.750}{2}$

INDEX OF DRAWING	
SHEET NO.	DESCRIPTION
1	GENERAL NOTES, FLANGE, FLUSH & FIN FRAME ELEVS.
2	WINDOWS CAPACITY CHARTS
3	GLAZING DETAILS
4 & 5	FLANGE FRAME DETAILS
6	FLUSH FRAME DETAILS
7	FIN FRAME DETAILS
8	BILL OF MATERIALS
9	EXTRUSION DETAILS
10	VENT AND FRAME CORNER CONSTRUCTION DETAILS

LAMINATED GLASS
 INSULATING LAMINATED GLASS
 LARGE & SMALL MISSILE IMPACT

Engr: JAVAD AHMAD
 CIVIL
 FLA. PE # 70592
 C.A.N. 3538

DEC 10 2014

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 14-1222.03
 Expiration Date Feb. 22, 2019
 By: Manuel Perez
 Miami Dade Product Control

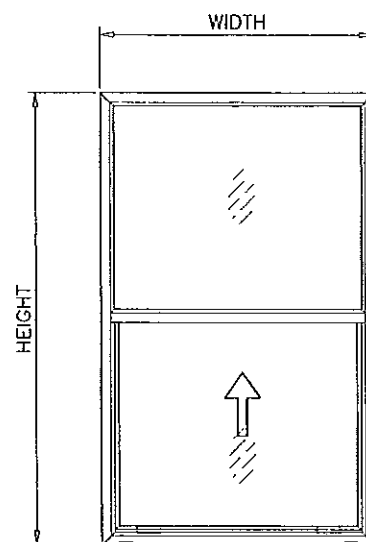
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 1235 S.W. 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL W13-23CGI

SERIES 'TARGA 7100' PVC S.H. WDW. (L.M.I./S.M.I.)
CGI WINDOWS & DOORS
 10100 N.W. 25TH STREET
 MIAMI, FL. 33172
 TEL. (305) 593-6590 FAX. (305) 593-6592

REVISIONS:	
NO	DATE
A	01.20.14
B	11.17.14
REV. PER REV. COMMENTS	
GENERAL REVISION	
date:	05-15-13
scale:	1/2" = 1'-0"
dr. by:	HAMID
chk. by:	
drawing no.	W13-23
sheet	1 of 10

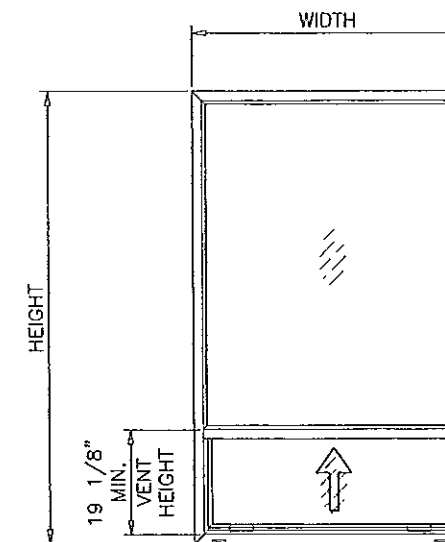
EQUAL LITES WINDOWS					
DESIGN LOAD CAPACITY - PSF					
INTERIOR FRAME DIMENSIONS		GLASS TYPES 'A', 'A1', 'B', 'B1'		GLASS TYPES 'C', 'C1'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
18-1/8"	25"	60.0	60.0	70.0	75.0
25-1/2"		60.0	60.0	70.0	75.0
36"		60.0	60.0	70.0	75.0
41"		60.0	60.0	70.0	75.0
47"		60.0	60.0	70.0	75.0
52-1/8"		60.0	60.0	70.0	75.0
53"		60.0	60.0	70.0	75.0
18-1/8"	37-3/8"	60.0	60.0	70.0	75.0
25-1/2"		60.0	60.0	70.0	75.0
36"		60.0	60.0	70.0	75.0
41"		60.0	60.0	70.0	75.0
47"		60.0	60.0	70.0	75.0
52-1/8"		60.0	60.0	70.0	75.0
53"		60.0	60.0	70.0	75.0
18-1/8"	49-5/8"	60.0	60.0	70.0	75.0
25-1/2"		60.0	60.0	70.0	75.0
36"		60.0	60.0	70.0	75.0
41"		60.0	60.0	70.0	75.0
47"		60.0	60.0	70.0	75.0
52-1/8"		60.0	60.0	70.0	75.0
53"		60.0	60.0	70.0	75.0
18-1/8"	58"	60.0	60.0	70.0	75.0
25-1/2"		60.0	60.0	70.0	75.0
36"		60.0	60.0	70.0	75.0
41"		60.0	60.0	70.0	75.0
47"		60.0	60.0	70.0	75.0
52-1/8"		60.0	60.0	70.0	71.7
53"		60.0	60.0	69.9	69.9
18-1/8"	62"	60.0	60.0	70.0	75.0
25-1/2"		60.0	60.0	70.0	75.0
36"		60.0	60.0	70.0	75.0
41"		60.0	60.0	70.0	75.0
47"		60.0	60.0	70.0	75.0
52-1/8"		60.0	60.0	69.1	69.1
53"		60.0	60.0	67.3	67.3
18-1/8"	73-1/4"	60.0	60.0	70.0	75.0
25-1/2"		60.0	60.0	70.0	75.0
36"		60.0	60.0	70.0	75.0
41"		60.0	60.0	70.0	75.0
47"		60.0	60.0	70.0	75.0
52-1/8"		60.0	60.0	63.8	63.8
53"		60.0	60.0	62.0	62.0
18-1/8"	76"	60.0	60.0	70.0	75.0
25-1/2"		60.0	60.0	70.0	75.0
36"		60.0	60.0	70.0	75.0
41"		60.0	60.0	70.0	75.0
47"		60.0	60.0	70.0	75.0
52-1/8"		60.0	60.0	62.9	62.9
53"		60.0	60.0	61.1	61.1
52-1/8"	58"	-	-	70.0	75.0
53"	58"	-	-	70.0	75.0
52-1/8"	62"	-	-	70.0	75.0
53"	62"	-	-	70.0	75.0
52-1/8"	73-1/4"	-	-	70.0	75.0
53"	73-1/4"	-	-	70.0	75.0
52-1/8"	76"	-	-	70.0	75.0
53"	76"	-	-	70.0	75.0

ADDL. ANCHOR AT MTG. RAIL

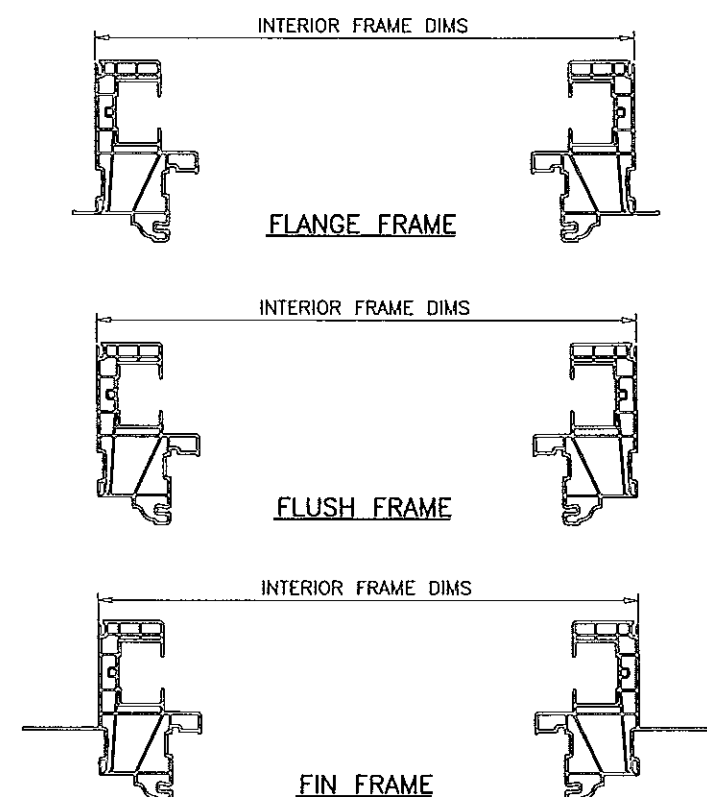


EQUAL LITES

UNEQUAL LITES WINDOWS					
DESIGN LOAD CAPACITY - PSF					
INTERIOR FRAME DIMENSIONS		GLASS TYPES 'A', 'A1', 'B', 'B1'		GLASS TYPES 'C', 'C1'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
18-1/8"	49-5/8"	60.0	60.0	70.0	75.0
25-1/2"		60.0	60.0	70.0	75.0
36"		60.0	60.0	70.0	75.0
41"		60.0	60.0	70.0	75.0
47"		60.0	60.0	70.0	75.0
52-1/8"		60.0	60.0	70.0	75.0
53"		60.0	60.0	70.0	75.0
18-1/8"	58"	60.0	60.0	70.0	75.0
25-1/2"		60.0	60.0	70.0	75.0
36"		60.0	60.0	70.0	75.0
41"		60.0	60.0	70.0	75.0
47"		60.0	60.0	70.0	75.0
52-1/8"		60.0	60.0	70.0	75.0
53"		60.0	60.0	70.0	75.0
18-1/8"	62"	60.0	60.0	70.0	75.0
25-1/2"		60.0	60.0	70.0	75.0
36"		60.0	60.0	70.0	75.0
41"		60.0	60.0	70.0	75.0
47"		60.0	60.0	70.0	75.0
52-1/8"		60.0	60.0	70.0	75.0
53"		60.0	60.0	70.0	75.0
18-1/8"	73-1/4"	60.0	60.0	70.0	75.0
25-1/2"		60.0	60.0	70.0	75.0
36"		60.0	60.0	70.0	75.0
41"		60.0	60.0	70.0	75.0
47"		60.0	60.0	70.0	75.0
52-1/8"		60.0	60.0	70.0	75.0
53"		60.0	60.0	70.0	75.0
18-1/8"	76"	60.0	60.0	70.0	75.0
25-1/2"		60.0	60.0	70.0	75.0
36"		60.0	60.0	70.0	75.0
41"		60.0	60.0	70.0	75.0
47"		60.0	60.0	70.0	75.0
52-1/8"		60.0	60.0	70.0	75.0
53"		60.0	60.0	70.0	75.0



UNEQUAL LITES (ORIEL TYPE)



NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-09 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538

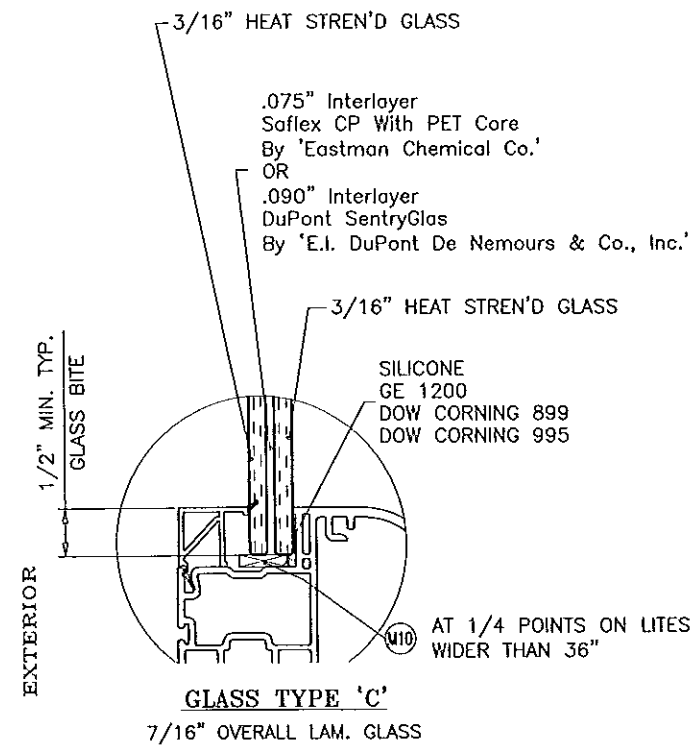
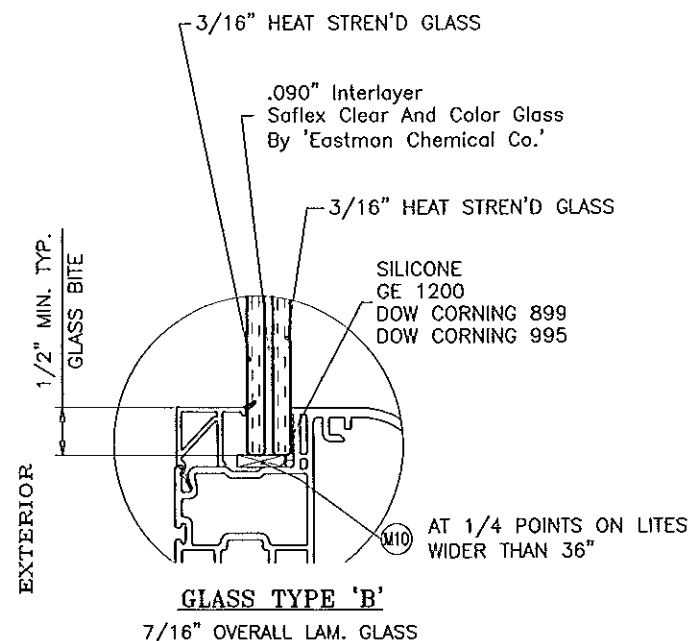
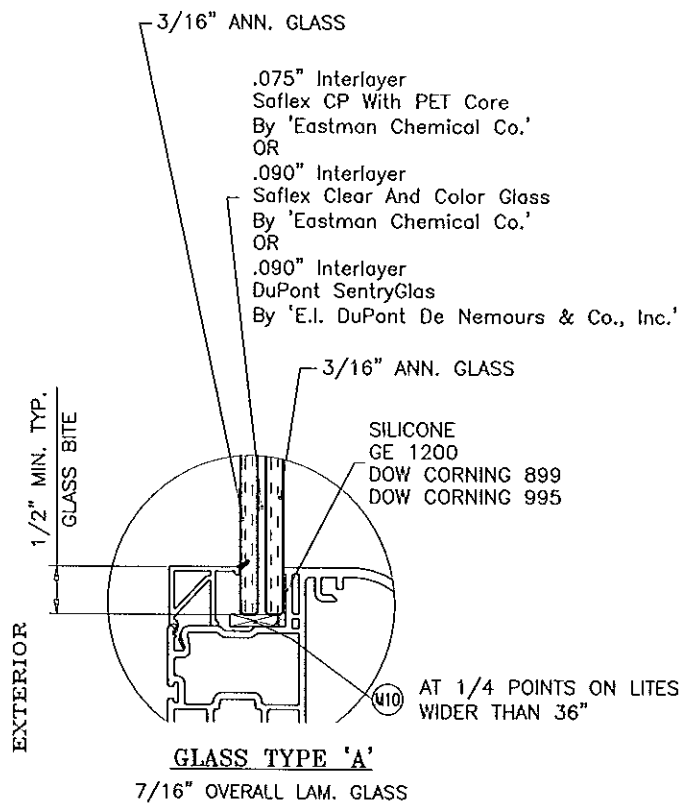
DEC 10 2014

PRODUCT REVISED
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Building Code
Acceptance No. 14-1222.03
Expiration Date Feb. 20, 2014
By: Manuel Perez
Miami Dade Product Control

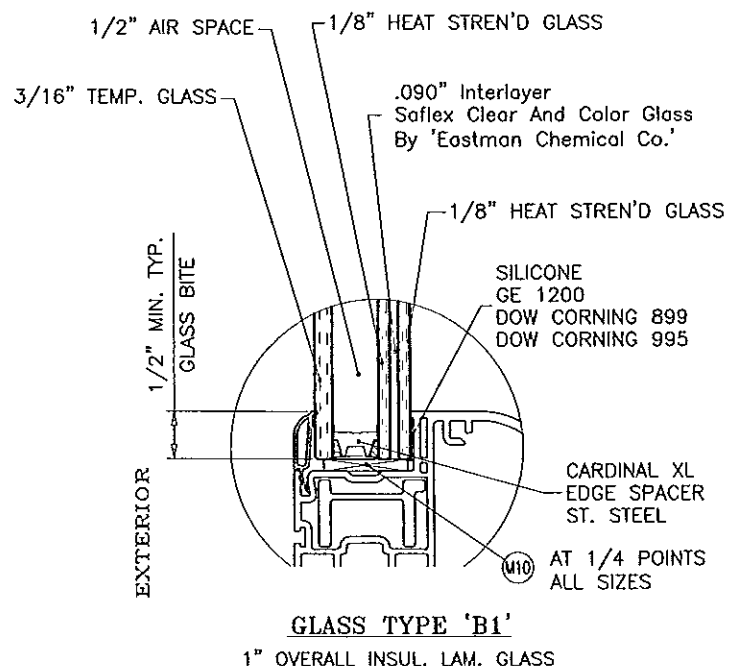
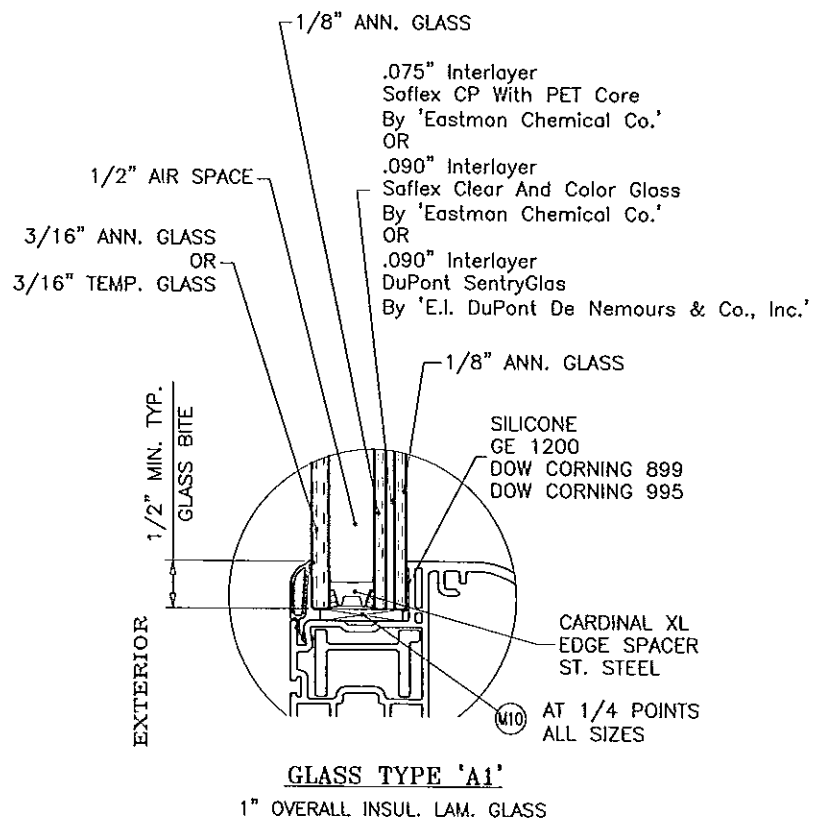
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
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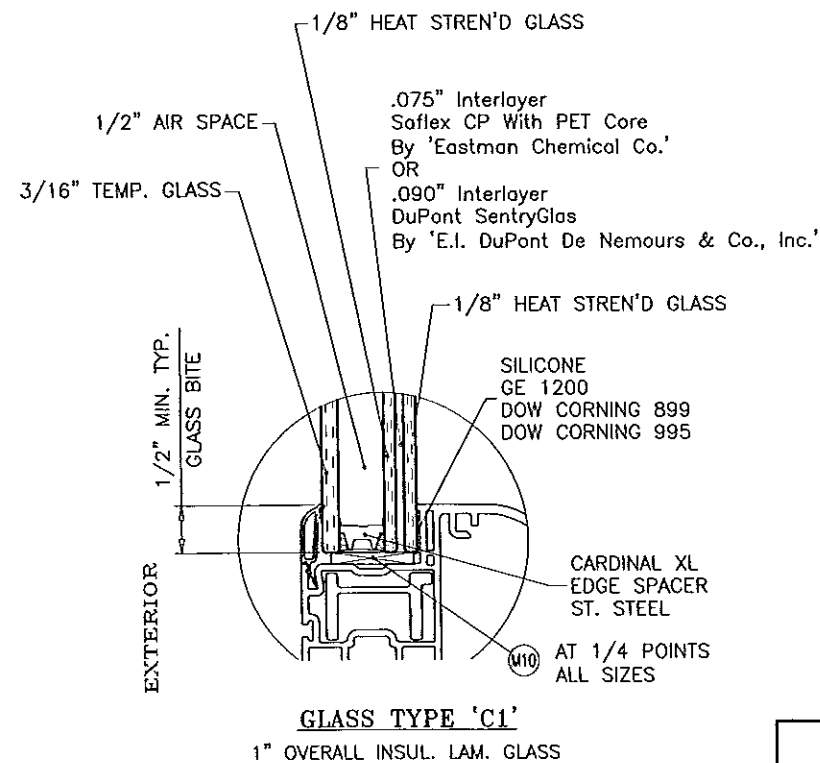
Revisions:		date		by	
no	date	no	date	no	date
A	01.20.14	1	1"	1"	1"
B	11.17.14	2	1"	2"	2"
GENERAL REVISION		dr. by: HAMID		chk. by:	
drawing no.		W13-23		sheet 2 of 10	



(L.M.I & S.M.I.)



(L.M.I ONLY)




(S.M.I.)

IN ORDER TO QUALIFY FOR SMALL MISSILE IMPACT RATING
EXTERIOR PLY OF GLASS TYPE 'A1' MUST BE TEMPERED.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 14-1222.03
Expiration Date Feb. 20, 2019
By *Manuel Perez*
Miami Dade Product Control

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538

DEC 10 2014



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP - ANL \ W13-23CGI

SERIES 'TARGA 7100' PVC S.H. WDW. (L.M.I./S.M.I.)

CGI WINDOWS & DOORS
10100 N.W. 25TH STREET
MIAMI, FL. 33172
TEL. (305) 593-6590 FAX. (305) 593-6592

Revisions:		by description	
no	date	no	date
A	01.20.14	REV. PER PER COMMENTS	
B	11.17.14	GENERAL REVISION	

date: 05-15-13

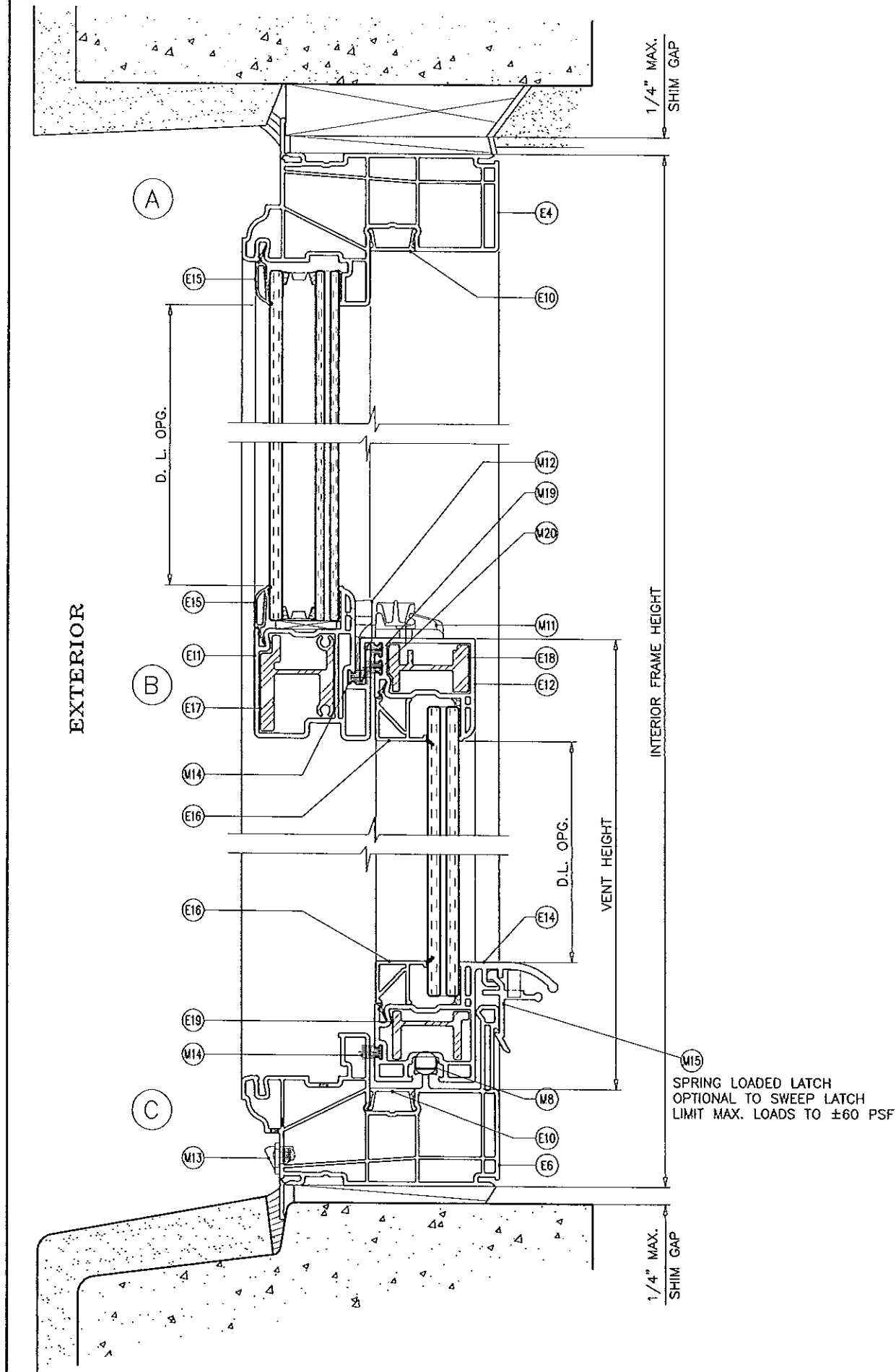
scale: 1/2" = 1"

dr. by: HAMID

chk. by:

drawing no.
W13-23

sheet 3 of 10



WOOD BUCKS AND METAL STRUCTURE NOT BY CGI WDW.
MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM
AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING
1/4" DIA. TAPCON BY 'ITW' (Fu=125 KSI, Fy=100 KSI)
1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)
1/4" DIA. AGGRE-GATOR BY 'ELCO' (Fu=95 KSI, Fy=57 KSI)
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 1-1/2" MIN. PENETRATION INTO WOOD
 THRU 1BY BUCKS INTO CONC. OR MASONRY
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY (JAMBS)
 DIRECTLY INTO CONC. OR MASONRY
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY (JAMBS)
#14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)
 INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = 1/8")
 INTO METAL STRUCTURES
 STEEL : 12 GA. MIN. (Fy = 36 KSI MIN.)
 ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)
TYPICAL EDGE DISTANCE
 INTO CONCRETE AND MASONRY = 2-1/2" MIN.
 INTO WOOD STRUCTURE = 1" MIN.
 INTO METAL STRUCTURE = 3/4" MIN.
 WOOD AT HEAD, SILL OR JAMBS SG = 0.55 MIN.
 CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.
 C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

WEEPHOLES:
 W1 = 1/4" X 1-1/2" WEEP SLOT AT 4-1/8" FROM EACH
 END WITH PLASTIC COVER
 W2 = 1/8" X 1/2" WEEP SLOT AT 3-1/4" FROM EACH END
 W3 = 1/8" X 1/2" WEEP SLOT AT 3-1/4" FROM EACH END

SEALANTS:
 ALL JOINTS AND FRAME CONNECTIONS SEALED WITH
 SILICONE SEALANT.

FLANGE FRAMES

Engr: JAVAD AHMAD
CML
FLA. PE # 70592
C.A.N. 3538
DEC 10 2014

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 14-1222.03
Expiration Date Feb 25, 2019
By: *Manuel J...*
Miami Dade Product Control

AL-FAROOQ CORPORATION
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COMP-ANL\W13-23CGI

CGI WINDOWS & DOORS
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revisions:		no	date	by	description
A	01.20.14	REV. PER PER COMMENTS			
B	11.17.14	GENERAL REVISION			

date: 05-15-13

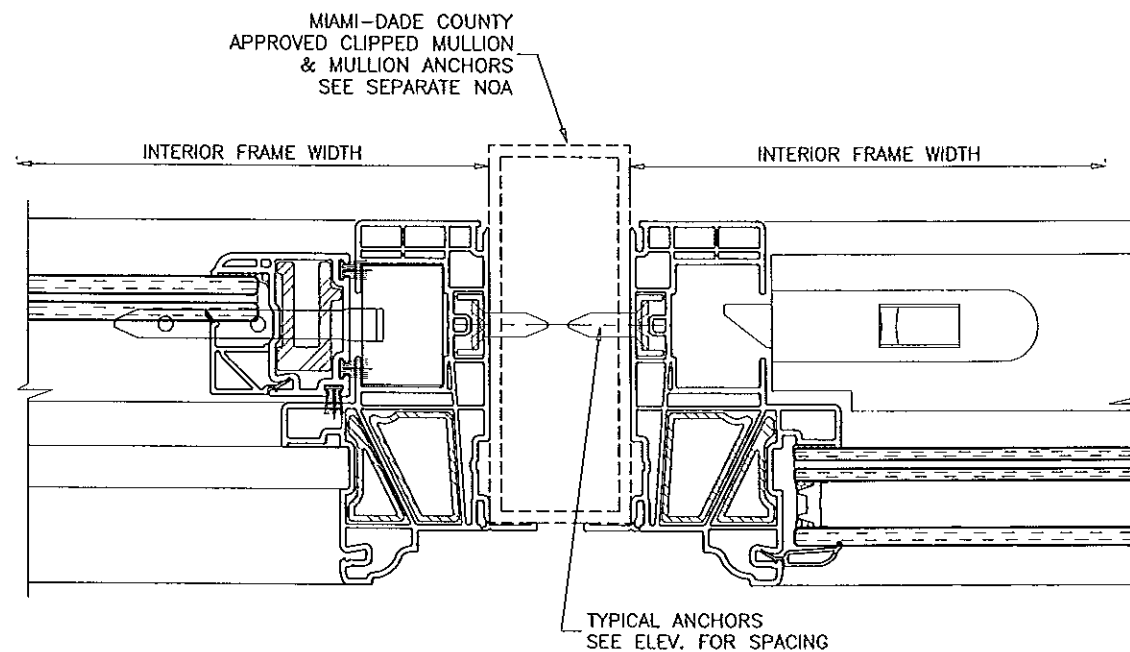
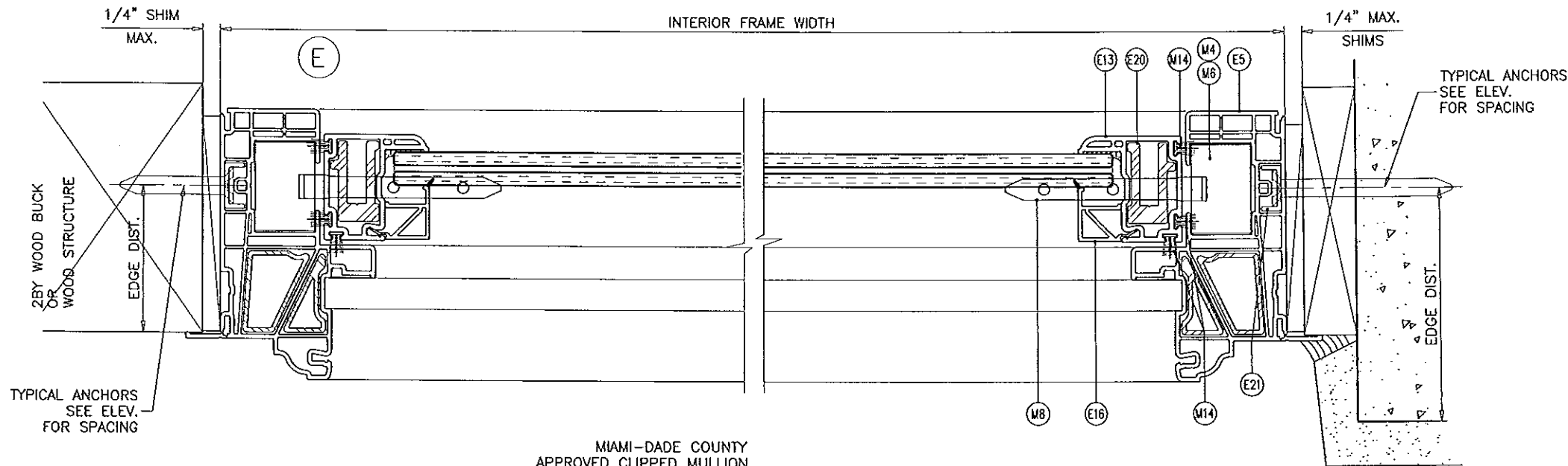
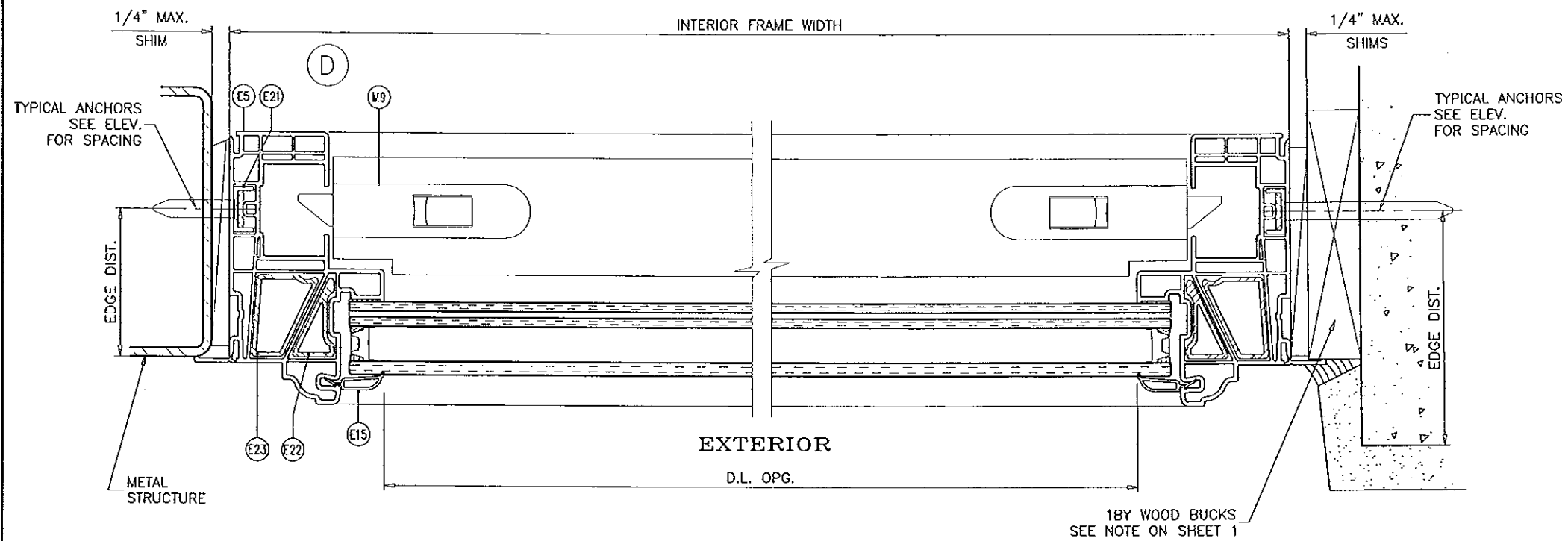
scale: 1/2" = 1"

dr. by: HAMID

chk. by:

drawing no.
W13-23

sheet 4 of 10



FLANGE FRAMES

Engr: JAVAD AHMAD
CML
FLA. PE # 70592
C.A.N. 3538

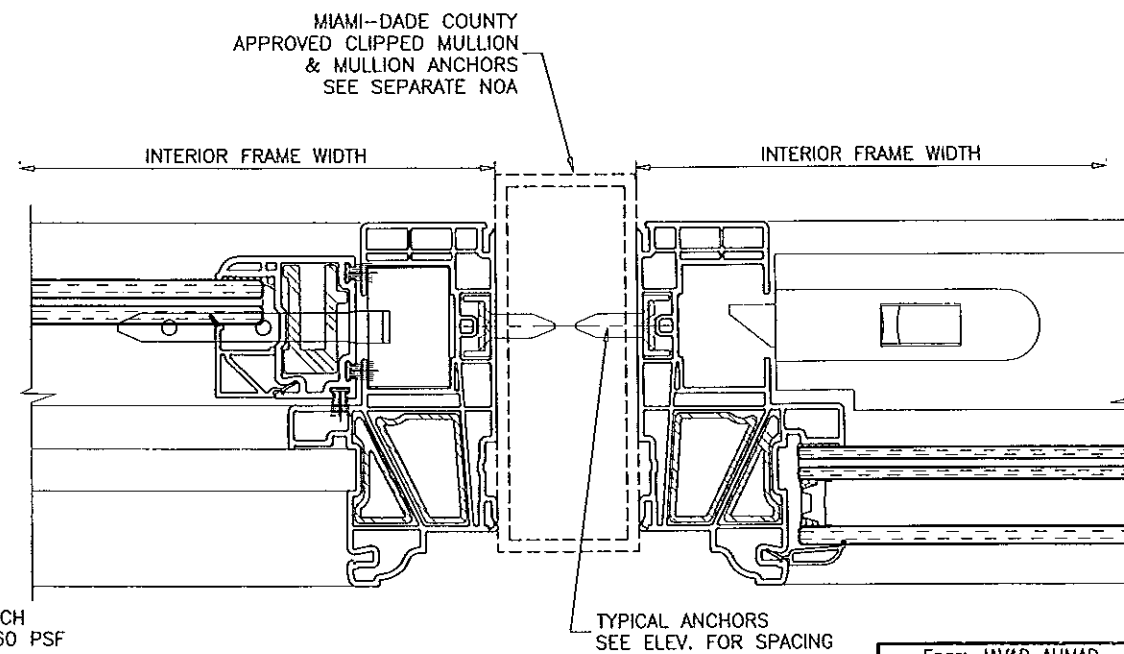
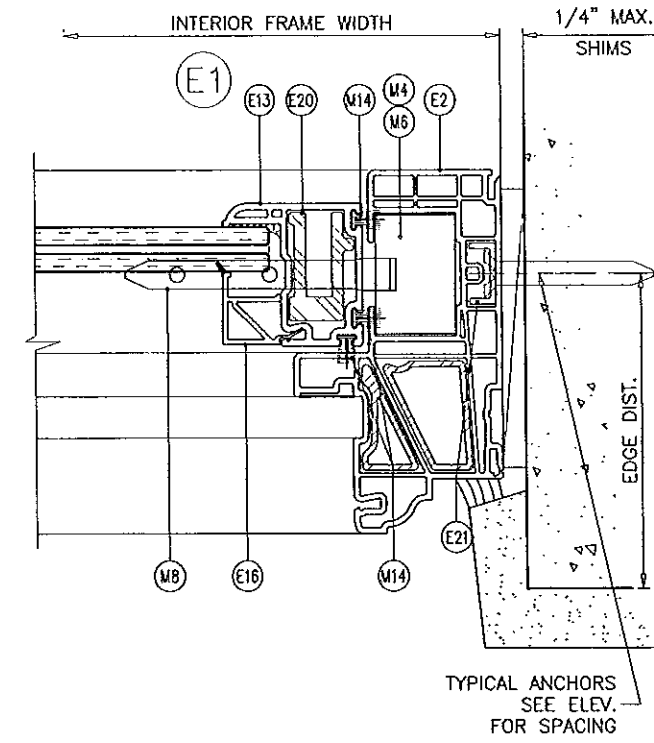
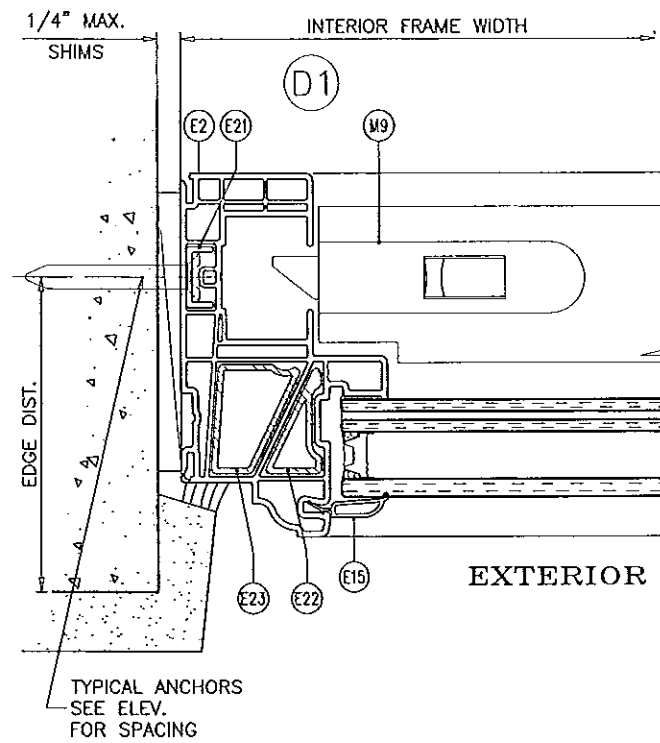
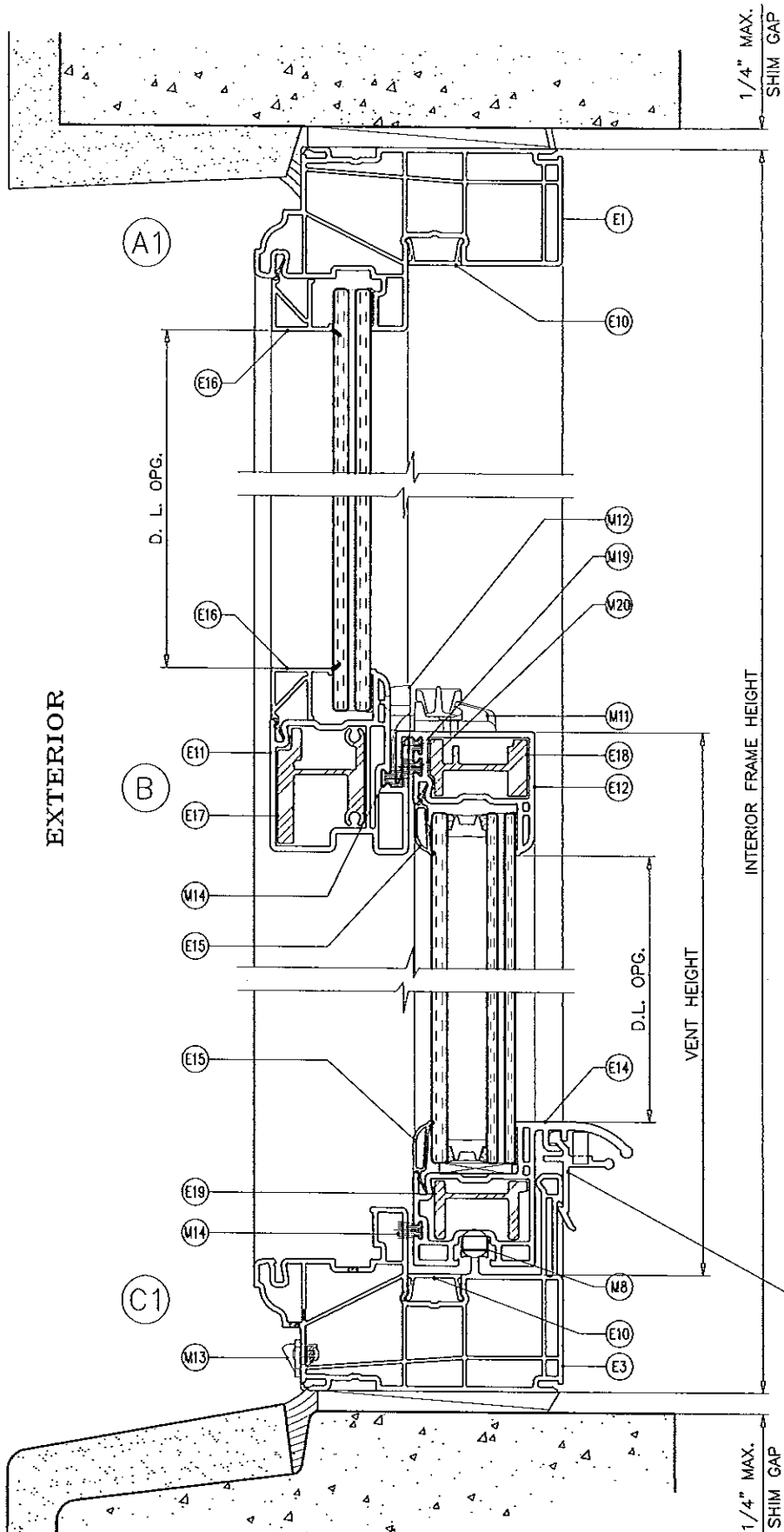
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PRODUCT REVISED
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By *Manuel Fernandez*
Miami Dade Product Control

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revisions:		no.	date	by	description
A	01.20.14	1			REV. PER PER COMMENTS
					GENERAL REVISION
B	11.17.14	2			
date: 05-15-13					
scale: 1/2" = 1"					
dr. by: HAMID					
chk. by:					
drawing no. W13-23					
sheet 5 of 10					



FLANGE AND FLUSH FRAMES CAN BE USED AT ALL ANCHORAGE CONDITIONS.

FLUSH FRAMES

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3338
DEC 10 2014

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 14-1222-03
Expiration Date Feb. 20, 2019
By *Manuel Perez*
Miami Dade Product Control

revisions:
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B 11.17.14 GENERAL REVISION

date: 05-15-13
scale: 1/2" = 1"
dr. by: HAMID
chk. by:
drawing no.
W13-23
sheet 6 of 10

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Technical cross-section diagram of a window assembly, showing three main sections: A2 (top), B (middle), and C2 (bottom). The diagram illustrates the internal components, including the frame, sash, and various seals and hardware. Key dimensions and labels are provided.

Labels and Components:

- A2:** Top section showing the upper frame and sash assembly. Components include E7, E10, and E16.
- B:** Middle section showing the main frame and sash assembly. Components include E11, E17, E14, E15, E18, E12, M12, M19, M20, M11, and E19.
- C2:** Bottom section showing the lower frame and sash assembly. Components include E15, E19, M14, M13, M6, E10, and E9.

Dimensions:

- D. L. OPG.:** Dimension across the top and middle sections.
- INTERIOR FRAME HEIGHT:** Dimension across the middle section.
- VENT HEIGHT:** Dimension across the bottom section.
- 1/4" MAX. SHIM GAP:** Dimension at the top and bottom edges.

1/4" MAX.
SHIM GAP

3/4" MIN.

INTERIOR FRAME WIDTH

(D2)

(E8)

(M9)

EDGE DIST.

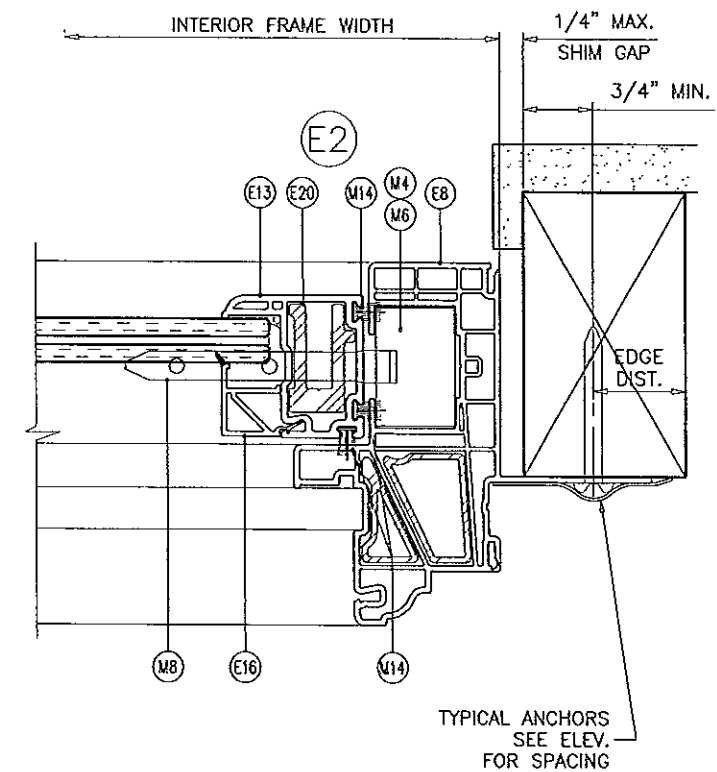
(E23)

(E22)

(E15)

EXTERIOR

TYPICAL ANCHORS
SEE ELEV.
FOR SPACING



drawing no.
W13-23

sheet 7 of 10

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CODE	PART No.	DESCRIPTION	MATERIAL	MANUF.	REMARKS
E1	CGI-1000	EQUAL LEG FRAME HEAD	PVC	DECEUNINCK NORTH AMERICA LLC.	
E2	CGI-1001	EQUAL LEG FRAME JAMB	PVC	DECEUNINCK NORTH AMERICA LLC.	
E3	CGI-1002	EQUAL LEG FRAME SILL	PVC	DECEUNINCK NORTH AMERICA LLC.	
E4	CGI-1013	FLANGE FRAME HEAD	PVC	DECEUNINCK NORTH AMERICA LLC.	
E5	CGI-1014	FLANGE FRAME JAMB	PVC	DECEUNINCK NORTH AMERICA LLC.	
E6	CGI-1015	FLANGE FRAME SILL	PVC	DECEUNINCK NORTH AMERICA LLC.	
E7	CGI-1018	FIN FRAME HEAD	PVC	DECEUNINCK NORTH AMERICA LLC.	
E8	CGI-1019	FIN FRAME JAMB	PVC	DECEUNINCK NORTH AMERICA LLC.	
E9	CGI-1020	FIN FRAME SILL	PVC	DECEUNINCK NORTH AMERICA LLC.	
E10	CGI-1003	SCREW COVER	PVC	DECEUNINCK NORTH AMERICA LLC.	
E11	CGI-1004	FIXED MEETING RAIL	PVC	DECEUNINCK NORTH AMERICA LLC.	
E12	CGI-1005	LOCK RAIL	PVC	DECEUNINCK NORTH AMERICA LLC.	
E13	CGI-1006	SIDE RAIL	PVC	DECEUNINCK NORTH AMERICA LLC.	
E14	CGI-1007	LIFT RAIL	PVC	DECEUNINCK NORTH AMERICA LLC.	
E15	CGI-1008	IG GLAZING BEAD	PVC	DECEUNINCK NORTH AMERICA LLC.	
E16	CGI-1025	7/16" MONOLITHIC GLAZING BEAD	PVC	DECEUNINCK NORTH AMERICA LLC.	
E17	CGI-802	MEETING RAIL REINFORCEMENT	6005A-T5	CGI EXTRUDER	
E18	CGI-807	LOCK RAIL REINFORCEMENT	6005A-T5	CGI EXTRUDER	
E19	CGI-800	LIFT RAIL REINFORCEMENT	6005A-T5	CGI EXTRUDER	
E20	CGI-801	SIDE RAIL REINFORCEMENT	6005A-T5	CGI EXTRUDER	
E21	CGI-1023	JAMB ANCHOR REINFORCEMENT	6005A-T5	CGI EXTRUDER	
E22	CGI-1026	FRAME REINFORCEMENT SMALL	6005A-T5	CGI EXTRUDER	6" LONG AT MTG. RAIL
E23	CGI-1027	FRAME REINFORCEMENT LARGE	6005A-T5	CGI EXTRUDER	6" LONG AT MTG. RAIL
M1	SCS 1200	GLAZING SILICONE (1/2" X 3/16" BEAD)	SILICONE	GENERAL ELECTIC	
M2	DOW 995	GLAZING SILICONE (1/2" X 3/16" BEAD)	SILICONE	DOW CORNING	
M3	DOW 899	GLAZING SILICONE (1/2" X 3/16" BEAD)	SILICONE	DOW CORNING	
M4	Ultralift	SPIRAL BALANCE		CALDWELL OR EQUIV	ATTACHED WITH (1) #8 X 1-1/8" FH SMS
M5	21B137	BALANCE SHOE (FOR SPIRAL BALANCE)		CALDWELL OR EQUIV	
M6	Roller Tilt Elite	CONSTANT FORCE BALANCE		CALDWELL OR EQUIV	ATTACHED WITH(1) #8 X 5/8" FH SMS
M7	RT880	BALANCE SHOE (FOR CONSTANT FORCE BALANCE)		CALDWELL OR EQUIV	
M8	16Y513	PIVOT BAR		CALDWELL OR EQUIV	ATTACHED WITH (2) #8 X 3/4" PH SMS
M9	46.13.32.101(102)	TILT LATCH		TRUTH OR EQUIV	ATTACHED WITH (1) #6-1/2" FH SMS
M10	-	SETTING BLOCK, 2 PER LITE	EPDM	-	DUROMETER 85±5
M11	70-10044	SWEEP LOCK		CGI CUSTOM	ATTACHED WITH (2) #6 X 3/4" FH SMS
M12	70-10045	KEEPER		CGI CUSTOM	ATTACHED WITH (2) #6 X 3/4" FH SMS
M13	146-1A	WEEP HOLE COVERS	PVC	CGI-CUSTOM	
M14	W43291NW	.187 x .290 WEATHERSTRIP PILE W/ CENTER FIN	WOOL	ULTRAFAB	
M15	70-10002	SPRING LOADED LOCK, 4" LONG	6063-T5	CGI CUSTOM	--
M16		PROTECTO WRAP WATERPROOFING OR EQUIV.			AT FIN FRAME
M17	W2315NW	.187 x .150 WEATHERSTRIP PILE W/ CENTER FIN	WOOL	ULTRAFAB	
M18	W23221NG	.187 x .220 WEATHERSTRIP PILE W/ CENTER FIN	WOOL	ULTRAFAB	
S3		# 8 X 3" TRUSS HEAD SMS - MEETING RAIL ATTACHEMENT			4 PER MTG RAIL
S4		# 8 X 5/8" FLAT HEAD SMS - CONSTANT FORCE BALANCE			
S5		# 8 X 3/4" PAN HEAD SMS - PIVOT BAR			
S7		# 8 X 1-1/8" FLAT HEAD SMS - SPIRAL BALANCE			
S8		# 6 X 1/2" FLAT HEAD SMS - TILT LATCH			

WHITE PVC EXTRUSIONS TO BE LABELED WITH AAMA EXTRUDER CODE, EXTRUDER NAME, CITY, STATE AND 'MDCA'.

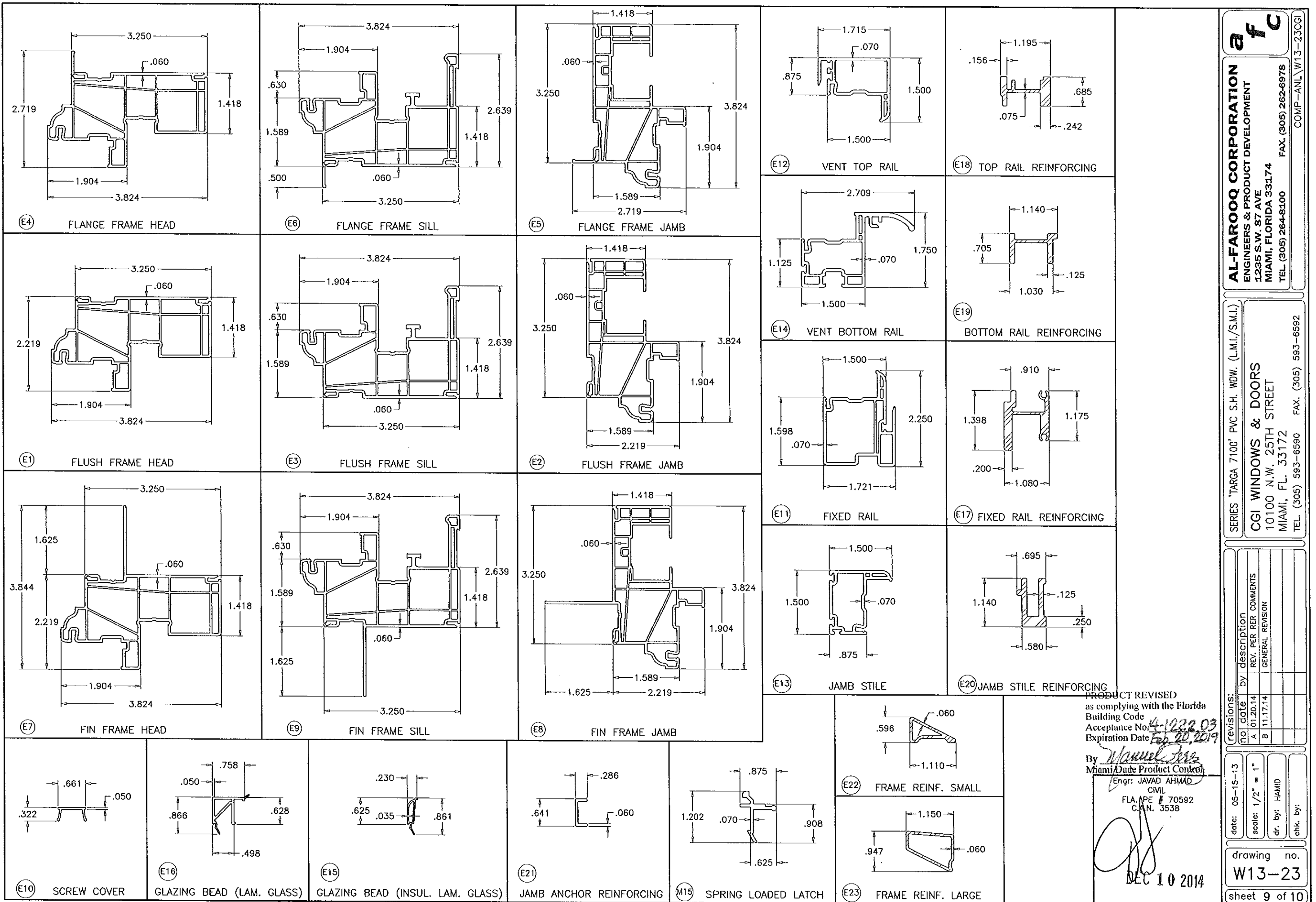
Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538

DEC 10 2014

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 14-1222-03
Expiration Date Feb. 22, 2019

By *[Signature]*
Miami Dade Product Control

AL-FAROOQ CORPORATION ENGINEERS & PRODUCT DEVELOPMENT 1235 S.W. 87 AVE MIAMI, FLORIDA 33174 TEL. (305) 264-8100 FAX. (305) 262-6978		CGI WINDOWS & DOORS 10100 N.W. 25TH STREET MIAMI, FL. 33172 TEL. (305) 593-6590 FAX. (305) 593-6592	
SERIES 'TARGA 7100' PVC S.H. WDW. (L.M.I./S.M.I.)			
date: 05-15-13 scale: 1/2" = 1" dr. by: HAMID chk. by:	revisions: by description no. date A 01.20.14 REV. PER RER COMMENTS B 11.17.14 GENERAL REVISION	drawing no. W13-23 sheet 8 of 10	



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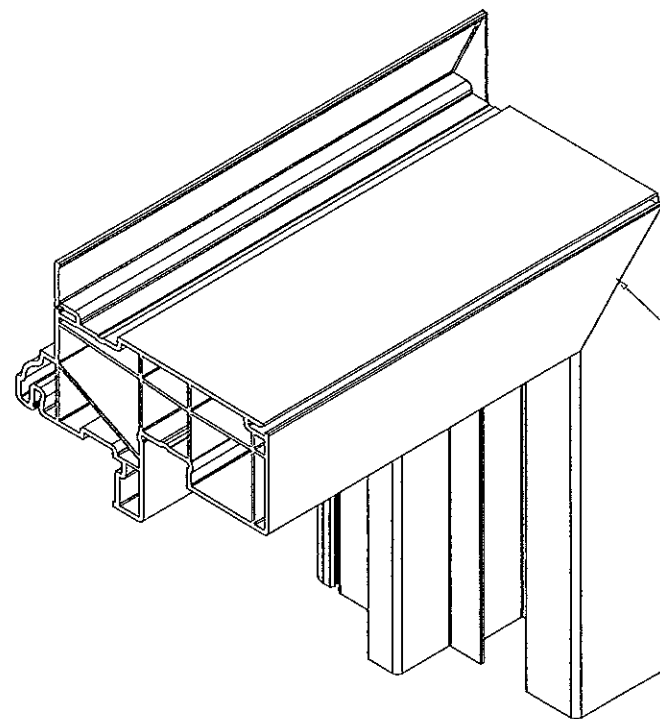
PRODUCT REVISED
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Acceptance No. 4-1222-03
Expiration Date Feb 20, 2019

By *Manuel Jerez*
Miami Date Product Control
Engr: JAVAD AHMAD
CIVIL
FLA. P.E. # 70592
C.A.N. 3538

[Signature]
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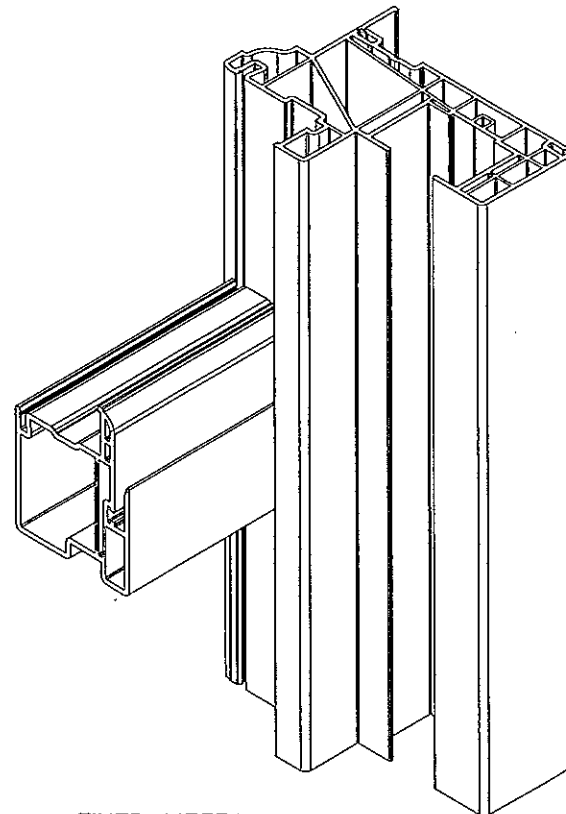
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dr. by: HAMID
chk. by:

drawing no.
W13-23
sheet 9 of 10

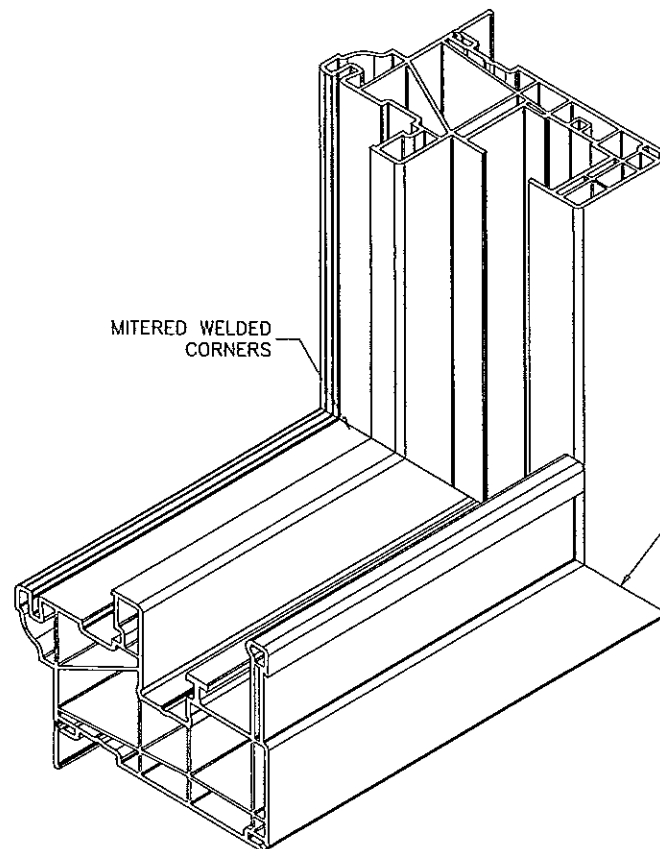


MITERED WELDED
CORNERS

FRAME TOP CORNER
FLANGE FRAMES SHOWN
FLUSH & FIN FRAMES SIMILAR



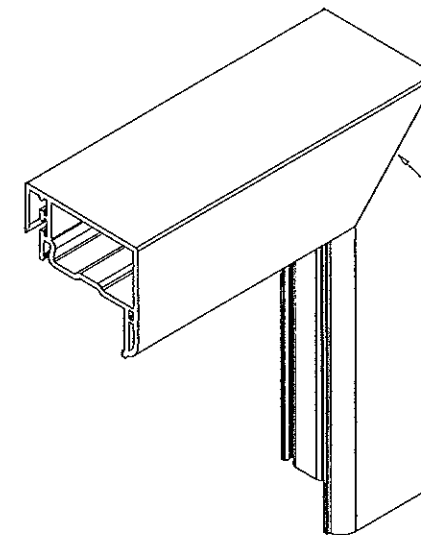
FIXED MEETING RAIL CORNER
FLANGE FRAMES SHOWN
FLUSH & FIN FRAMES SIMILAR



MITERED WELDED
CORNERS

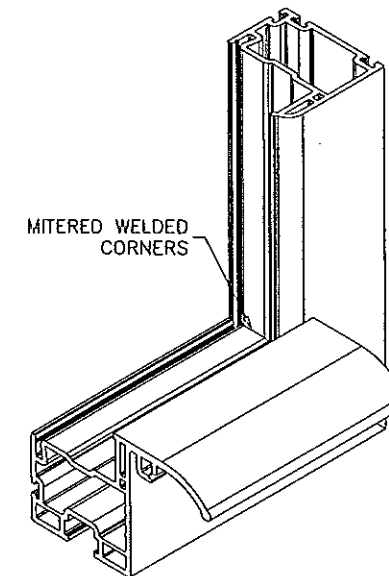
MITERED WELDED
CORNERS

FRAME BOTTOM CORNER
FLANGE FRAMES SHOWN
FLUSH & FIN FRAMES SIMILAR



MITERED WELDED
CORNERS

VENT TOP CORNER



MITERED WELDED
CORNERS

VENT BOTTOM CORNER

Engr: JAVAD AHMAD
CIVIL
FLA. PE #170592
C.A.N. 3838
DEC 10 2014

PRODUCT REVISED
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By *Immanuel Perez*
Miami Dade Product Control

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